P. 010/038

First Named Inventor	Larry G. Fischer					
Serial No.	09/747,273	$\neg$				
Filing Date	12/22/2000	REQUEST TO CORRECT				
Group Art Unit	2680	INVENTORSHIP UNDER				
Examiner Name	Corsaro, Nick	37 CFR § 1.48(a)				
Attorney Docket No.	100.047USR4					
Title: CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION						

Commissioner for Patents Washington, D.C. 20231

Applicant respectfully requests that the inventorship of the above-identified patent application be corrected to add the following individual as an inventor:

> Jeffrey O. Brennan 521-11th Avenue NW Waseca, MN 56093 Citizen of USA

Jeffrey O. Brennan was inadvertently not included as an inventor when the present reissue application was filed on December 22, 2000. Subsequent to the addition of this inventor, the record should show the following five individuals as joint inventors: Larry G. Fischer, David S. Russell, Philip M. Wala, Charles R. Ratliff, and Jeffrey O. Brennan.

Per 37 CFR § 1.48(a) also included with this request for correction is a statement from Jeffrey O. Brennan that the error in inventorship occurred without deceptive intention on his part, a new Reissue Application Declaration by the Inventors, a Supplemental Declaration for Reissue Application to Correct "Errors" Statement (37 CFR 1.175) by the actual inventors, a check for \$130.00 as required under 37 CFR § 1.17(i), and the written consent of the assignee.

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REQUEST TO CORRECT INVENTORSHIP

PAGE 2 Attorney Docket No. 100.0047USR4

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P. 011/038

Serial No. 09/747,273 Title: CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION

FOGG AND ASSOCIATES, LLC

The undersigned patent attorney respectfully submits that the error arose without any deceptive intention on the part of the person, who through error was not named as an inventor. Therefore, correction of the inventorship is appropriate under 37 CFR §1.48(a). A favorable response to this request is respectfully requested. If a telephone conference would be of assistance, please Jon M. Powers at (612) 455-1681.

Respectfully submitted,

4-5-2006

Jon M. Powers Reg. No. 43,868

Attorneys for Applicant Fogg & Associates, LLC P.O. Box 581339 Minneapolis, MN 55458-1339 T - 612/332-4720 F - 612/332-4731

P. 012/038

First Named Inventor	Larry G. Fischer						
Serial No.	09/747,273						
Filing Date	12/22/2000	CONSENT OF ASSIGNEE					
Group Art Unit	2680	TO CORRECT INVENTORSHIP UNDER					
Examiner Name	Corsaro, Nick	37 CFR § 1.48(a)					
Attorney Docket No.	100.047USR4						
Title: CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION							

Commissioner for Patents Washington, D.C. 20231

ADC Telecommunications, Inc. of 13625 Technology Drive, Eden Prairie, MN 55344-2252, being the sole owner of the above-identified application, as evidenced by the Assignment recorded in the U.S. Patent Office at Reel 7058, Frame 0199, hereby consents to the change of inventorship in the above-identified patent application from the joint inventorship of Larry G. Fischer, David S. Russell, Philip M. Wala, and Charles R. Ratliff, to the joint inventorship of Larry G. Fischer, David S. Russell, Philip M. Wala, Charles R. Ratliff, and Jeffrey O. Brennan.

I declare that I am an official of the Assignee and am empowered to authorize this consent.

Date: 3-5-2006

Mike Ouyang

Typed or Printed Name

Chief Intellectual Property Counsel

Title

First Named Inventor	Larry G. Fischer				
Serial No.	09/747,273	STATEMENT IN			
Filing Date	12/22/2000	SUPPORT OF A			
Group Art Unit	2680	REQUEST TO CORRECT			
Examiner Name	Corsaro, Nick	INVENTORSHIP UNDER 37 CFR § 1.48(a)			
Attorney Docket No.	100.047USR4	37 CFR § 1.48(a)			
Title: CELLULAR COM	MUNICATIONS SYST	EM WITH SECTORIZATION			

# STATEMENT OF JEFFREY O. BRENNAN IN SUPPORT OF A REQUEST TO CORRECT INVENTORSHIP UNDER 37 CFR §1.48(a)

Commissioner for Patents Washington, D.C. 20231

I, Jeffrey O. Brennan, make this statement pursuant to 37 CFR § 1.48(a) to correct the inventorship of the invention claimed in the above-identified patent application, U.S. application scrial No. 09/747,273.

At the time of filing, my name was erroncously omitted as an inventor. Moreover, this error in inventorship was made without deceptive intent on my part. Therefore, I am currently an inventor of the present application and request correction of inventorship to include me as an inventor on this application.

Date: 4 5 06

Militay O. Brenna

(FAX)612 332 4731 507 835 8730 507 835 8730 P. 014/038 P. 004 P • 4

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REISSUE APPLICATION DECLARATION BY THE INVENTORS	Docket Number (optional)
KEISSUE APPUCATION DECLARATION BY THE INVENTORS	100.047USR4
As a below named inventors, we hereby doctore that:  Our residences, post effice addresses and citizenships are stated below next.  We believe we are the original, first and joint inventors of the subject matter w.	to our names, mich is described and claimed
in patent number 5,852,651 granted December 2	
reissue patent is sought of the invention entitled	
CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION	
the specification of which	
is attached hereto.	
X was filed on December 22, 2000 as relasive application numb	per 09/747,273 -
and was amended on	
(if applicable)	
We have reviewed and understand the contents of the above identified specifiamended by any amendment referred to above.  We acknowledge the duty to disclose information which is material to patental two varily believe the original patent to be whelly or partly inoperative or invalibation. (Check all boxes that apply.)	nility as defined in 37 CER 1 56
by roason of a defective specification or drawing.	
X by reason of the patentou claiming more or less than he had the right t	lo Claim in the patent.
by mason of other errors.	
At least one error upon which reissue is based is described below: If the roiss reissue, such must be stated with an explanation as to the nature of the broad	sue is a broadening Jening:
This reissue application is based on an error that the applicant and applicant's acope of the invention and thus claimed less subject matter than could have be contain limitations that are not easyntial for practicing the broad tractings of application. Thus, this reissue application is intended as a broadening reissue	been claimed. The issued claims
In one example of this error, Applicant failed to fully claim the manner in which transmitted from a base station to a remote unit in the system. This error is dient Examiner in a rotated application sharing the same specification. The Examiner in a rotated application sharing the same specification. The Examiner in a rotated specification signals signals for transmission over a digital transport link between a base a antenna sites. (See, Notice of Allowance dated 10/17/1996 in US Schowever, in this rolated application, applicant failed to claim all the subject me allowable. Thus, claims have been included in this reissue application that are digitization of signals for transmission between the base station and the remote	emonstrated by comments made by miner indicated that: prior to digitization of the station and remote prior to. 08/410,129), atter indicated by the Examiner as a directed to aspects of the

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Palent and Trademark Office; U.S. DEPARTMENT OF CONMERCE
Under the Paperwork Reduction Act of 1985, no portions are required to respond to a collection of information unless tide plays a valid QASS control number. Docket Number (Optional) (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2) All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventors, we hereby appoint the following attornoy(s) and/or agent(s) to prosecute this application and transport all business in the Patent and Tradomark Office connected therewith. Registration Regalitzation Fogg, David N. 35,138 Powers, Jon M 43,868 Lundberg, Scott V. 41,958 Moura, Richard J. 34,883 Kondrick, J. Patrick 53,109 Correspondence Address: Direct all communications about the application to: X Customer Number 34206 Customar Number Jon M. Powers Fogg and Associates, LLC P.O. Box 581339 Minnoapolis Minnesota Zip 55458-1339 Country Fex 612/332-4731 612/332-4720 Telephone We hereby declare that all statements made horein of our own knowledge are true and that all statements made on information and butlinf are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any petont issuing thereon, or any palent to which this declaration is directed. Full name of first inventor (given name, family name) Larry G. Fischer Inventors signormany Residence Citizonanio Waseca, Minnesota USA Making Address RR #4, Box 145, Waseco, Minnesota 56093 Full name of second joint inventor (given name, family name) Dovid S. Russell inventor's signature Dale Residence Crtizenship Minneapolis, Minnesola USA Mailing Address 2117 Dudloy Avenue, St. Paul, Minnesota 55108 Full name of third joint inventor (given name, family name) Philip M. Wala Inventor's signature Date Residence Citizenship Waseca, Minnesota USA Mailing Address 504 14 Avenue NW, Waseca, Minnesota 56093 X Additional joint inventors are named on separately numbered sheets attached hereto.

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REISSUE APPLICATION DECLARATION	ADDMONAL INVENTOR(S) Supplemental Sheet Page 1 of 1
Full name of fourth joint inventor (given name, family nai Charles R. Retliff	me)
Inventor's agnature	Date
Residence Madison, GA	Citizonship USA
Mailing Address 1470 Boones Ridge Road, Madison, GA 30650	
Full name of fifth joint inventor (given name, family name Jeffrey O. Brennan	a)
Inventor's signature	Onto
Residence Waseca, MN	Citizentatup USA
Mailing Address 521-11th Avenue NW, Wasoca, MN 56093	
Full name of sixth joint inventor (given name, tamily nam	no)
Inventor's signature	Onte
Residence	Citizonship
Mailing Addrosa	
Full name seventh joint inventor (given name, family name	me)
Inventor's signature	Date
Residence	Citizenship
Mailing Address	
Full name of eighth joint inventor (given name, family na	ame)
Inventor's signature	Date
Residenco	Citzenehip
Mailing Address	
Full name of ninth joint inventor (given name, family name	ne)
Inventor's signature	Date
Rosidence	Citizenship
Mailing Address	

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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REISSUE APPLICATION DECLARATION BY THE INVENTORS	Docket Number (optional) 100.047USR4
As a below named inventors, we hereby declare that:  Our residences, post office addresses and citizenships are stated below next  We believe we are the original, first and joint inventors of the subject matter w  In patent number	hich is described and claimed
CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION	
the specification of which  Is attached hereto.  X was filed on	er <u>09/747,273</u> .
(if applicable)	
We have reviewed and understand the contents of the above identified specific amended by any amendment referred to above.  We acknowledge the duty to disclose information which is material to patentable werily believe the original patent to be wholly or partly inoperative or invalid below. (Check all boxes that apply.)	ility as defined in 37 CFR 1 56
by reason of a defective specification or drawing.	
X by reason of the patentee claiming more or less than he had the right to	claim in the patent,
by reason of other errors,	
At least one error upon which roissue is based to described below: If the reissi relissue, such must be stated with an explanation as to the nature of the broads	ue is a broadening aning:
This reissue application is based on an error that the applicant and applicant's acope of the invention and thus claimed less subject matter than could have be contain limitations that are not essential for practicing the broad teachings of the application. Thus, this reissue application is intended as a broadening reissue.	en claimed. The issued claims
In one example of this error, Applicant failed to fully claim the manner in which transmitted from a base station to a remote unit in the system. This error is detan Examiner in a related application sharing the same specification. The Examiner in a related application sharing the same specification. The Examiner in a related application sharing of analog telephone signals publicated for transmission over a digital transport link between a base stantenna sites. (See, Notice of Allowance dated 10/17/1998 in US Ser However, in this related application, applicant failed to claim all the subject mat allowable. Thus, claims have been included in this related application that are digitization of signals for transmission between the base station and the remote	monstrated by comments made by tiner indicated that: rior to digitization of the ation and remote fal No. 08/410,129), ter indicated by the Examiner as directed to aspects of the

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All error	< corrected	l in this relssue applicat	tion amse with	out any dece	La Intention Of	n the no	art of the applicant
AS a nan	med invento	ors, we hereby appoint	t the following a	attomev(s) an	id/or agent(s) to i	prosec	and this application
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	Moura, Ric		41,958 34,883	1			· 1
	Kendrick, J		53,109	1			1
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Address	P.O. Box		25, LLV				
City	Minneapo	olis	State	Minnesota		Zip	55458-1339
Country	USA	that all statements mad	Telophone	612/332-47	720	Fax	B12/332-4731
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	s signature				Date		
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		Vaseca, Minnesota 5					- <u> </u>
David S.	. Russell	Joint Inventor (given na	ame, family na	me)			
	s signature	Sail S. Th	will		Date Mars	zh :	31,2000
Residence	_		100		Citizenship	<u>~~`</u>	<del></del>
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2117 Du	dley Aven	ue, St. Paul, Minnes	:ofa 55108			_	<del></del>
Full name	of third joir	nt inventor (given name	a family name	.1			· · · · · · · · · · · · · · · · · · ·
Philip M.	. Wala			, 			
inventor's					Date		
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504 14 <sup>th</sup>	idress Avenue N'	W, Waseca, Minneso	ota 56093			_	
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REISSUE APPLICATION DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1
Full name of fourth Joint Inventor (given name, family na Charles R. Ratliff	ime)
Inventor's signature	Date
Residence Madison, GA	Clitzenthip USA
Mailing Address 1470 Boones Ridge Road, Madison, GA 30650	
Full name of fifth joint inventor (given name, family name Jeffrey O. Brennan	e)
inventor's signature	Date
Rosidence Waseca, MN	Citizenship USA
Mailing Address 521-11th Avenue NW, Waseca, MN 56093	
Full name of sixth joint inventor (given name, family nam	ne)
Inventor's signature	Date
Residence	Citizenship
Mailing Address	
Full name seventh joint inventor (given name, family name	ne)
inventor's signature	Date
Residence	Citizenship
Malling Address	
Full name of eighth joint inventor (given name, family na	me)
Inventor's signature	Date
Residence	Citizenship
Mailing Address	
Full name of nimin joint inventor (given name, family nam	18)
Inventor's signature	Date
Residence	Citizenship
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REISSUE APPLICATION DECLARATION BY THE INVENTORS	Docket Number (optional) 100.047USR4
As a below named inventors, we hereby declare that: Our residences, post office addresses and citizenships are stated below next We believe we are the original, first and joint inventors of the subject matter w in patent number 5.852,651 granted December 2 reissue patent is sought of the invention entitled  CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION	vhich is described and claimed
the specification of which	
is attached hereto.	
was filed on <u>December 22, 2000</u> as reissue application numb and was amended on (if applicable)	oer <u>09/747,273</u> .
We have reviewed and understand the contents of the above identified specifical amended by any amendment referred to above.  We acknowledge the duty to disclose information which is material to patentative verily believe the original patent to be wholly or partly imperative or invalidable. (Check all boxes that apply.)	
by reason of a defective specification or drawing.	
by reason of the patentee claiming more or less than he had the right to	o dalm in the patent.
At loast one error upon which reissue is based is described below: If the reissue reissue, such must be stated with an explanation as to the nature of the broade	ue is a broadening aning:
This reissue application is based on an error that the applicant and applicant's scope of the invention and thus claimed loss subject matter than could have be contain limitations that are not essential for practicing the broad teachings of the application. Thus, this reissue application is intended as a broadening reissue.	ean claimed. The issued claims
In one example of this error, Applicant failed to fully claim the manner in which transmitted from a base station to a remote unit in the system. This error is der an Examiner in a related application sharing the same specification. The Examiner in a related application sharing the same specification. The Examine prior art fails to teach the combining of analog telephone signals paignals for transmission over a digital transport link between a base stantenna sites. (See, Notice of Allowance dated 10/17/1996 in US Ser However, in this related application, applicant failed to claim all the subject mate allowable. Thus, claims have been included in this related application that are adigitization of signals for transmission between the base station and the remote	monstrated by comments made by their indicated that for to digitization of the ation and remote ial No. 08/410,129). ter indicated by the Examiner as
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As a nam	med invent	d in this reissue applicati tors, we hereby appoint siness in the Patent and	the following a	attomev(s) ar	nd/or agent(s) to	on the p	art of the applicant. cute this application
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We hereb	by declare	that all statements mad	te herein of our	r own knawle	odge are frue an	nd that s	all statements made
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Full name Larry G.	e of first inv i. Fischer	vontor (given name, fam	nily name)				
inventor's	s signature				Date		
Residence		•-	•		Cluzenship		
	. Minnesol	<u>ita</u>		!	USA		
	Box 145, V	Waseca, Minnesota 5					
David S.	. Russell		∌me, family na	me)			
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Residence Minneap	a polis, Minn	nesota			Clttzenship USA		
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Philip M.	. Wala		J. lainny	<del>'</del>			
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PTO/SB/S1 (10-00 Approved for use through 12/30/00. OMB 0651-0033
Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Docket Number (optional) REISSUE APPLICATION DECLARATION BY THE INVENTORS 100.047USR4 As a below named inventors, we hereby declare that: Our residences, post office addresses and citizenships are stated below next to our names. We believe we are the original, first and joint inventors of the subject matter which is described and claimed 5,852,651 in patent number , granted December 22, 1998 , and for which a reissue patent is sought of the invention entitled CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION the specification of which is attached hereto. was filed on December 22, 2000 as reissue application number 09/747,273 and was amended on (if applicable) We have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. We verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.) by reason of a defective specification or drawing, by reason of the patentee claiming more or less than he had the right to claim in the patent. by reason of other errors. At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening: This reissue application is based on an error that the applicant and applicant's attorney failed to appreciate the full scope of the invention and thus claimed less subject matter than could have been claimed. The issued claims contain limitations that are not essential for practicing the broad teachings of the invention disclosed in the application. Thus, this reissue application is intended as a broadening reissue. In one example of this error, Applicant failed to fully claim the manner in which RF signals are digitized and transmitted from a base station to a remote unit in the system. This error is demonstrated by comments made by an Examiner in a related application sharing the same specification. The Examiner indicated that: the prior art fails to teach the combining of analog telephone signals prior to digitization of the signals for transmission over a digital transport link between a base station and remote antenna sites. (See, Notice of Allowance dated 10/17/1996 in US Serial No. 08/410,129), However, in this related application, applicant failed to claim all the subject matter indicated by the Examiner as allowable. Thus, claims have been included in this reissue application that are directed to aspects of the digitization of signals for transmission between the base station and the remote unit.

FOGG AND ASSOCIATES, LLC

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE,
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(REISS	SUE APPLICATION DECLARA	TION BY TH	E INVENTO	₹, page 2)		Number (Optional) 100.047USR4
As a nai	s corrected in this reissue applicat med inventors, we hereby appoint isact all business in the Patent an	the following a	attomev(s) and	Vor agent(s) to	on the pa	art of the applicant
ľ	Namo	Registration		Namo		Regsitration
l î	Fogg, David N.	35,138				Wall Street
	Powers, Jon M	43,868				
	Lundberg, Scott V.	41,958				1
	Moura, Richard J.	34,883				
	Kendrick, J. Patrick	53,109				
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Fitm	Jon M. Powers					
X Indiv	richal Name Fogg and Associat	es. LLC				
Address	P.O. Box 581339		•			
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City	Minneapolis	State	Minnesota		Zip	55458-1339
Country	USA	Telephone	612/332-47	720	<del></del>	612/332-4731
We hen	eby declare that all statements ma	de herein of o	ur own knowle	dge are true s	and that	all statements made
on infor	mation and belief are believed to I	oe true: and fu	ther that these	e statements v	were mad	de with the knowledge
that will	ful false statements and the like so	made are pur	nishable by fin	e and impriso	nment, c	r both, under 18
U.S.C. 1	1001, and that such willful false st	atements may	jeopardize the	validity of the	applicat	lion, any patent
issuing	thereon, or any patent to which th	is declaration i	s directed.			
	ne of first inventor (given name, fa G. Fischer	mily name)		-		
Invento	r's signature		•	Date		
Resider	nce	· · · · · · · · · · · · · · · · · · ·	<del></del>	Citizenship	•	
Wasec	a, Minnesota			USA		
	Address Box 145, Waseca, Minnesota	56093		<u> </u>	_	
	ne of second joint inventor (given		ame)			
	S. Russell	, idiraly ii				
_	r's signature			Date	~	
Resider				Citizenship		
	apolis, Minnesota			USA		
	Address			•		
	Judley Avenue, St. Paul, Minne					
	ne of third joint inventor (given na M. Wala	me, family nam	16)			
Invento	r's signature		_	Date		<del></del>
Resider			····	Citizenship		
	ca, Minnesota			USA		
Mailing	Address					
504 14	<sup>th</sup> Avenue NW, Waseca, Minne	esota 56093				
X/	Additional joint inventors are name	d on separate	y numbered s	heets attache	d hereto,	

P. 025/038

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REISSUE APPLICATION DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1
Full name of fourth joint inventor (given name, family name) Charles R. Rattiff	rage rui i
Inventor's signature Startin	Date 3/5/06
Residence Madison, GA	Cilizenship USA
Mailing Address 1470 Boones Ridge Road, Madison, GA 30650	
Full name of fifth joint inventor (given name, family name) Jeffrey O. Brennan	, , , , , , , , , , , , , , , , , , , ,
Inventor's signature	Date
Residence Waseca, MN	Citlzenship USA
Mailing Address 521-11th Avenue NW, Waseca, MN 56093	
Full name of sixth joint inventor (given name, family name)	
Inventor's signature	Date
Residence	Citizenship
Mailing Address	
Full name seventh joint inventor (given name, family name)	
Inventor's signature	Date
Residence	Citizenship
Mailing Address	
Full name of eighth joint inventor (given name, family name)	
Inventor's signature	Date
Residence	Citlzenship
Mailing Address	
Full name of ninth joint inventor (given name, family name)	
Inventor's signature	Date
Residence	Citizenship
Mailing Address	

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REISSUE APPLICATION DECLARATION BY THE INVENTORS	Docket Number (optional)
	100.047USR4
As a below named inventors, we hereby declare that:  Our residences, post office addresses and citizenships are stated below next We believe we are the original, first and joint inventors of the subject matter w in patent number	hich is described and claimed
CELLULAR COMMUNICATIONS SYSTEM WITH SECTORIZATION	
the specification of which	_
is attached horoto.	
X was filed onDecember 22, 2000 as reissue application numb	er <u>09/747,273</u>
and was amended on [(f applicable)	
(it appoint)	
We have reviewed and understand the contents of the above identified specific amended by any amendment referred to above. We acknowledge the duty to disclose information which is material to patentab We verily believe the original patent to be wholly or partly inoperative or invalidation. (Check all boxes that apply.)	ilibu pa dalisad in 27 AFD 4 SE
by reason of a defective specification or drawing.	
X by reason of the patenton claiming more or less than he had the right to	claim in the patent.
by reason of other errors.	
At least one error upon which reissue is based is described below: If the reissue elssue, such must be stated with an explanation as to the nature of the broadd	ie is a broadening ning:
This reissue application is based on an error that the applicant and applicant's scope of the invention and thus claimed less subject matter than could have be contain limitations that are not essential for practicing the broad teachings of the application. Thus, this reissue application is intended as a broadening reissue.	on sinimad. The increase states
n one example of this error. Applicant failed to fully claim the manner in which transmitted from a base station to a remote unit in the system. This error is dern Examiner in a related application sharing the same specification. The Examiner in a related application sharing the same specification. The Examiner in a related application sharing the prior art fails to teach the combining of analog telephone signals pushed at the specification of Allowance the the theorem a base shartenna sites. (See, Notice of Allowance dated 10/17/1996 in US Seriowever, in this related application, applicant falled to claim all the subject matt flowable. Thus, claims have been included in this reissue application that are registration of signals for transmission between the base station and the remote	nonstrated by comments made by iner indicated that: icer to digitization of the stion and remote at No. 08/410,129).  or indicated by the Examinor as discount to present a file.

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(REIS						
	SSUE APPL	ICATION DECLARA	TION BY TH	E INVENTOR, page 2)	Docke	Number (Optional) 100,047USR4
All arro	ors cornacted	in this roissue applicat	ion arose with	Out any deceptive intention (	on the o	art of the applicant
Asan	lamed inventi	ors, we hereby appoint	the following a	attorney(s) and/or agent(s) to	prosec	cute this application
		Name	Registration	Name		Regultration
	Fogg, Dav	id N.	35,138	4400110		resignation .
	Powers, Jo		43,868			1
1	Lundberg,		41,958			
- 1	Moura, Ric		34.883			1
1	Kendrick.		53,109			1 1
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			Custome	or Number		
	m oc Iwidual Namo	Jon M. Powers Fogg and Associate	s.LLC	<u></u> .		
Address	P.O. Box					
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Country	USA	***	Telephone	612/332-4720 r own knowledge are true an	Fex	612/332-4731
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		my patent to which this enter (given name, fam	declaration is	directed.		
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Larry ( Invento Resider	G. Fischer ds signature	entor (given name, fam	declaration is	directed.		
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Larry ( Invento Resider Wasec Mailing RR #4,	G. Fischer r's signature nce a, Minnesot Address Box 145, V	entor (given name, fam ta Vaseca, Minnesota 5	declaration is ally name)	Date Citizenship USA		
Larry ( Invento Resider Wasec Mailing RR #4,	G. Fischer r's signature nce a, Minnesot Address Box 145, V	entor (given name, fam	declaration is ally name)	Date Citizenship USA		
Larry ( Inventor Resider Wasec Mailing RR #4, Full nan David	G. Fischer r's signature nce a, Minneson Address Box 145, V ne of second S. Russell r's signature	entor (given name, fam ta Vaseca, Minnesota 5	declaration is ally name)	Date Citizenship USA		
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Larry ( Inventor Resider Wasec Mailing RR #4, Full nan David Inventor Residen Minner Mailing 2117 D	G. Fischer r's signature rice ria, Minnesot Address Box 145, V ne of second S. Russell r's signature nice apolis, Minn Address uddey Aveni	entor (given name, fam ta Vaseca, Minnesota 5 Joint inventor (given na resota ue, St. Paul, Minneso	declaration is illy name) 6093 Ime, family name, family name, family name)	Date Citizenship USA  Dato Citizenship USA		
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Larry Inventor Resider Wasec Mailing RR #4, Full nan David Inventor Residen Minnes Mailing 2117 D Full nam Philip Inventor	G. Fischer I's signature I's signature I's Address I Box 145, V Ine of second S. Russell I's signature Ince Ince Ince Ince Ince Ince Ince Inc	entor (given name, fam ta Vaseca, Minnesota 5 Joint inventor (given na resota ue, St. Paul, Minneso	declaration is illy name) 6093 Ime, family name, family name, family name)	Date Citizenship USA  Dato Citizenship USA		
Larry Inventor Resider Wasec Mailing RR #4, Full nan Devid Inventor Mailing Philip Inventor Residen Wasec	G. Fischer r's signature rice a, Minnesot Address Box 145, V ne of socond S. Russell r's signature nce apolis, Minn Address udley Avenue of third join M. Wala r's signature ce a, Minnesot ce	entor (given name, fam ta Vaseca, Minnesota 5 Joint inventor (given na esota ue, St. Paul, Minneso nt inventor (given name	declaration is illy name) 6093 Ime, family name, family name, family name)	Date Citizenship USA  Date  Citizenship USA		
Larry Inventor Resider Wasec Mailing RR #4, Full nam David Inventor Minner Minner Philip Inventor Residen Wasec Mailing Adapt Adapt Mailing Masec Mase	G. Fischer r's signature rice a, Minneson Address Box 145, V ne of second S. Russell r's signature nce apolis, Minn Address udley Avenue of third join M. Wala r's signature ce a, Minneson Address	entor (given name, fam ta Vaseca, Minnesota 5 Joint inventor (given na esota ue, St. Paul, Minneso nt inventor (given name	declaration is nily name) 6093 Ime, family name, family name, family name)	Date Citizenship USA  Dato Citizenship USA  Date Citizenship USA		

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REISSUE APPLICATION DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
Full name of fourth joint Inventor (given name, family na Charles R. Ratliff	Page 1 of 1
Inventor's signature	Date
Residence Madison, GA	Cilizonship USA
Mailing Address 1470 Boones Ridge Road, Madison, GA 30650	
Full name of fifth joint inventor (givon name, family name Jeffrey O. Brennan	e)e)
Inventor's signature	man Date 3 06 05
Waseca, MN	Cltizenship USA
Mailing Address 521-11th Avenue NW, Waseca, MN 56093	V
Full name of sixth joint inventor (given name, family name	10)
Inventor's signature	Date
Residence	Citizenship
Mailing Address	
Full name seventh joint Inventor (given name, family name	ne)
Inventor's signature	Date
Residence	Citizonship
Malling Address	
Full name of eighth joint inventor (given name, family name	me)
Inventor's signature	Date
Residence	Citizenship
Mailing Address	
Full name of ninth joint inventor (given name, family nam	(e)
Inventor's signature	Date
Residence	Citizenship
Mailing Address	

Marian Fischer

(FAX)612 332 4731 507 835 8730 507 835 8730

P. 029/038 P. 002

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SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)

Attorney Docket Number First Named Inventor		100.047USR4
		-
CO	MPLE	TE if knows
Application Number	09/747,273	
Filing Date	12/22/2000	
Art Unit	2680	
Examiner Name Co		rsero, Nick

#### We hereby declare that:

Every error in the patent which was corrected in the present relasue application, and which is not covered by the prior eath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

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I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Namo of Sole or First Inventor:	A patition has been filed for this unsigned inventor			
Given Name (first and middle (fi any))	Family Name or Surrame			
Lапу G.	Fischer			
nventor's Zou S Sicker	Onto 3	16/06		
Name of Second Inventor:	A petition has been filed for this unsigned inventor	7		
Given Name (lirst and middle [if any])	Family Name or Surname			
David S.	Russell			
nventora Signature	Date			
Additional inventors or logal representatives(s) are boing a	lamind on the supplemental shocks PTG/G8/02A or 02U	R (Muched horms),		

This collection of Information is required by 37 CFR 1.175. The Information is required to obtain or retain a benefit by the public which is to life (and by the USPTO to process) an application. Castidentuality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gesterning, preparing, and submitting the complete application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time two requires to complete the form analysis suggestions for midding this purpose, should be sent to the Christ Information Officer, U.S. Physical and Trademant, Officer, U.S. Department of Comments, P.O. Hor 1450, Alexandrin, VA 27313-1450, DO NOT SI NO 1-12.5 OR COMPUTED EXTRACT. ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,

If you need vasidance in completing the form, call 1-800-PTO-9199 and salect option 2.

Mar 13 06 12:38p Marian Fischer

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ADDITIONAL INVENTOR(S)

DECLARATION		ADDITIONAL Supplemental	L INVENTOR(S) Sheet	Pac	. 1 of 7
Name of Additional Joint Inventor, if an	v:	A petition	has been filed for this u	rsigned i	nventor
Ciron Name (first and middle (if any))		Family Name of	<del></del>	<del></del>	
Philip M.	<del>(</del>	Wale			
Inventor's Signature				Date	
Waseca Residence: City	MN State	US Co	untry	US Crizor	ahip
Mailing Address					
Water	Min	<del></del>		us	* · · · · · · · · · · · · · · · · · · ·
Cny	State		Zip	Count	Y
Name of Additional Joint Inventor, if an	y <del>.</del>	A petition	has been filed for this u	nsigned i	nventor
Given Name (That and middle (if any)	)	<u> </u>	Family Name or S	umame	-
Craries R.		Hattiff			
Inventor's Signature				Onte	
Madinon	CA		us		US.
Residence: City	State		Country		Chizerohip
Melling Address					
Medison	OA.			n:	
Name of Additional Joint Inventor, if an	Sime y:	A petition	has been filed for this u	Gounts	
Green Name (Rist and middle (if any))	<u>,                                      </u>	Family Name or Surrame			WI-NE
Jeffrey O.		Brennan			
Inventor's Signature		<del>د</del>		Date	
Waters Residence: City	MN State		US Country		US Citizenship
Mulling Address					
Waseca	MN			us	

City I Status I Zip I Country

This collection of information is required by 35 U.S.C. 115 and 37 CFL 1.00. The information is required to attend to the public which to to his collection to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gethering, preparing, and submitting the completed application form to the USPTO. Time was very depending upon the individual case. Any commission in the empiric of time you require to complete this form antitor surgestions for reducing this burden, should be sent to the Chief information of Country 1.39. Period and Trademark Office, U.S. Operational of Commonse, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND 17.17 OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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\$UPPLEMENTAL DECLARATION
FOR REISSUE
FATENT APPLICATION
TO CORRECT "ERRORS" STATEMENT
(37 CFR 1.175)

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pond to a collection of informa	ition uni	ess it contains a valid OMB control number
Attorney Docket Number		100.047USR4
First Named Inventor	7	
CO	MPLE	TE If known
Application Number 09/747,273		747,273
Filing Date	12/22/2000	
Art Unit	28	80
Examiner Name	Cc	orsaro, Niek

### I/We heroby doctare that

Every error in the patent which was corrected in the present relssue application, and which is not covered by the prior cath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

FOGG AND ASSOCIATES, LLC

# WARNING:

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IWe hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and boilef are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Solo or First Inventor	A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])	d middle [if any]) Family Name or Sumame				
Larry G.	Fischer	•			
Inventor's Signature		Date		<u> </u>	
Name of Second Inventor:	A potition has been filed for this un	signed invento	or .		
Given Name (first and middle [if any])	Family Name or Su	ımame			
David S.	Russell				
inventor's Signature Salk . Tuesd		Date	March	31,2006	
Additional inventors or logal representatives(a) are being n					

This collection of information is required by 37 CFR 1.175. The information is required to obtain or ratain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any continents on the amount of time you require to complete this form and/or suggestions for redding in is buried to sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. O NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION			IAL INVENTOR(S)	Phoe 1 of 1	
Name of Additional Joint Inventor, if an	v.	T Apett	isn has been filed for this	untianed inventor	
Given Name (first and middle (if any)		Family Name	· · · · · · · · · · · · · · · · · · ·	ana.	
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Inventor's Signature		- <del></del>		Date	
Waseca Residence: City	MN State	U	es Country	us Cilizenship	
Mailing Address	Г		<del></del>	<del></del>	
Waseca City	MN State		Zip	US Country	
Name of Additional Joint Inventor, if any	<u> </u>	A petiti	on has been filed for this		
Given Name (lirst and middle (if any)		Family Name or Surname			
Charles R.		Raum			
Inventor's Signature				Date	
Medison	GA		Lis	us	
Residenco: City	State		Country	Cltizenship	
Mailing Address					
Madison	GA			บร	
City	State		Zp	Country	
Name of Additional Joint Inventor, if any	<b>/:</b>	A petition has been flood for this unalgred inventor			
Given Name (first and middle (if any))		Family Name or Surname			
Jeffray O.		Brennen			
Inventor's Signature				Data	
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SUPPLEMENTAL DECLARATION FOR REISSUE PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)

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Attorney Docket Nun	100.047US	
First Named Inventor		
CO	IPLETE If known	
Application Number	09/747,273	-
Filing Date	12/22/2000	· · · · · · · · · · · · · · · · · · ·
Art Unit	2680	
Examinor Name	Corsaro, Nick	

supplemental shouts PTQ/SB/02A or 02LR attached hereto.

## I/We hereby declare that:

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior cath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

## WARNING:

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I/We hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor.	A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or	Family Name or Surname	
Larry G.	Fischer		
Inventor's Signature		Date	
Name of Second Inventor:	A petition has been filed for this u	asigned inventor	
Given Name (first and middle [if any])	Family Name or S	ımame	
David S.	Aussell		
Inventor's Signature		Date	<del></del>
Additional inventors or legal representatives(s) are be	sing named on the 1 supplemental short	la PTO/SB/02A or 02LR attached b	hereto

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P. 034/038 3 /6

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet  Page 1 of 1				
Name of Additional Joint Inventor, if any:			ition ha	a been filed for this	unsigne	j inventor
Given Name (first and middle (if any))		Family Nam	e or Su	mame		
Philip M.	Wala					
Inventor's Signature This Mill	Date 3kulog			3/21/06		
Waseca Residence: City	MN State		US Country		US Ckiza	
112 13TO ROCAUL NW						
Mailing Address						
Wasoca	MN	· · · · · · · · · · · · · · · · · · ·	56043		us	
City	State			Zip	Coun	try
Name of Additional Joint Inventor, if an	у:	A peti	tion has	s been filled for this (	ınsigned	l inventor
Given Name (first and middle (if any		Family Name or Sumamo				
Charles R.	Railiff	Flatiff				
Inventor's Signature	Date					
Madason	GA		บร			นร
Residence; City	State		Country			Citizenship
Mailing Addrass						
Madison	GA			-	us	
City	State		Zip Country		by	
Name of Additional Joint Inventor, if an	A patition has been filed for this unsigned inventor					
Given Name (first and middle (if any))	Family Name or Sumamo					
Johnsy O. Bro			Bronnan			
Inventor's Signature Date						
Waseca	MN		υs			US
Residence: City	State		Соилту			Citizenship
Mailing Address						
Waseca	MN				us	
City	State		Z	îp	Count	rv i

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SUPPLEMENTAL DECLARATION **FOR REISSUE** PATENT APPLICATION TO CORRECT "ERRORS" STATEMENT (37 CFR 1.175)

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Attorney Docket Nun	nber 100.047USR4			
First Named Inventor				
CO	MPLETE if known			
Application Number	09/747,273			
Filing Date 12/22/2000				
Art Unit	2680			
Examiner Name	Corsaro, Nick			
Filing Date Art Unit	12/22/2000 2680			

\_ supplemental shorts PTO/SB/02A or 02LR attached hereto.

## i/We hereby declare that:

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I/We hereby declare that all statements made herein of mylour own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued theroon

Name of Sole or First Inventor.  A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])	) Family Name or Sumame				
Larry G.	Fischer				
Inventor's Signature		Date			
Name of Second Inventor.  A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])	Family Name or Sumame				
David S.	Russell				
Inventor's Signature		Date			

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Name of Additional Joint Inventor, if any:		A petition has been filed for this unsigned inventor				
Given Name (first and middle (if any	))	Family Nan	ne or Sum	name		
Philip M.		Wala		***		
Inventor's Signature					Date	V
Waseca Residence: City	MN State		us Country		us Cittzenshlp	
Mailing Address						
Waseca City	MN State		2	ip	US Count	iry
Name of Additional Joint Inventor, if an	y:	A per	tition has	been filed for this un	signed	Inventor
Given Name (first and middle (if any	Family Name or Surname					
Charles R.		Ratiff				
Inventors Signature Confirmation	Date 3/5/06					
Madison Residence: City	State		us			US Citizenship
Mailing Address						Ouzakanp
Madison	GA		1		US	
City	State		Z	ip	Count	ry
Name of Additional Joint Inventor, If an	ıy:	A pe	tilion has	been filed for this un	signed	Inventor
Given Name (first and middle (If any))			Family Name or Surname			
Jeffrey O. Bronnan						
Inventor's Signature Date						
Waseca	MN		US			US
Residence: City	State		Country Citizenship			Citizenship
Mailing Address						
Waseca City	MN State		7,	üp	US Coun	trv
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P. 002

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SUPPLEMENTAL DECLARATION
FOR REISSUE
PATENT APPLICATION
TO CORRECT "ERRORS" STATEMENT
(37 CFR 1.175)

Attorney Docket Number		100.047USR4		
First Named Inventor	•			
CO	MPLE	TE if known		
Application Number	09/	747,273		
Filing Date	12/22/2000			
Art Unit	26	80		
Examiner Name	Ç	rsaro, Nick		

#### I/We hereby declare that:

9524038858

Every error in the patent which was corrected in the present reissue application, and which is not covered by the prior cath(s) and/or declaration(s) submitted in this application, arose without any deceptive intention on the part of the applicant.

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Name of Sole or First Inventor:  A potition has been filed for this unsigned inventor						
Given Name (first and middle [if any])	ny]) Family Name or Surname					
Larry G.	Fischer	Fischer				
Inventor's Signature		Date	•			
Name of Second Inventor.	Name of Second Inventor.  A potition has been filed for this unsigned inventor					
Given Name (first and middle [if any])	Name (first and middle [if any]) Family Name or Sumame					
David S.	Russell	,				
Inventor's Signature		Date	_			

Additional inventors or legal representatives(s) are being named on the \_\_\_\_\_ supplemental sheets PTO/SB/02A or 02LR stacked hereto.

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1					
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Name of Additional Joint Inventor, if any:		<del></del>	has boon filed for this ur	nsigned inventor			
Given Name (first and middle (if any)	١	Family Name or	Sumame				
Philip M.		Wals					
Inventor's Signature				Date			
Waseca Residence: City	Min US State Cou		ntry	US Çitizenship			
Mailing Address							
Waseca City	MN State		Zip	US Country			
Name of Additional Joint Inventor, if an	A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any)	)	Family Name or Surnamo					
Charles R.		Parim					
Inventor's Signature				Date			
Madison	GA		US	us			
Residence: City	State		Country	Citizenship			
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Madison	GA			us			
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Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor							
Given Name (tirst and middle (if any))		Family Name or Surname					
Jettrey Q.	Bronnen						
Inventors Tille O Brunan Date 3/406							
Waseca Residence: City	1 1		US Country	US Çilizenship			
Waseca MN US Residence: City State Country Citizenship  521 11th Ave Nw Mailing Address							
Wasecs	MN		56093	us.			

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